

ABSTRACT OF THE INVENTION

A method is provided for treating solid tumors comprising administering a composition comprising a PDGF aptamer and a cytotoxic agent. In a preferred embodiment the PDGF aptamer is identified using the SELEX process for the Systematic Evolution of
5 Ligands by Exponential enrichment. A method is also provided for reducing the interstitial fluid pressure (IFP) of a solid tumor comprising administering a PDGF aptamer. Finally, a method is provided for increasing the uptake of cytotoxic agents into a tumor comprising administering a composition comprising a PDGF aptamer and a cytotoxic agent.

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